

FORM PTO-1449

Docket Number (Optional)

Application Number  
10/601,262INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

Applicant

Ye Liu et al.

Filing Date

June 20, 2003

Group Art Unit

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

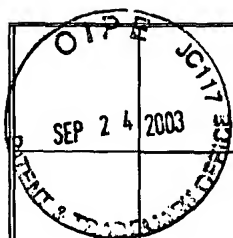
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,486,214	Nov. 26, 2002	Uhrich	514	772.5	Jul. 27, 2000
	6,217,912	Apr. 17, 2001	Park et al.	424	501	Jul. 13, 1999
	6,153,596	Nov. 28, 2000	Liotta, et al.	514	44	Dec. 18, 1997
	6,267,987	Jul. 31, 2001	Park et al.	424	486	Dec. 11, 1998
	6,210,717	Apr. 3, 2001	Choi et al.	424	501	Dec. 11, 1998

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	WO 01/97781 A1	27.12.2001	PCT	A61K	9/14		
	0 483 429 A1	06.05.92	Europe	C08G	67/04		
	WO 03/000776 A1	03.01.2003	PCT	C08G	79/04		
	WO 02/31025 A2	18.04.2002	PCT	C08G	73/02		
	WO 02/092667 A1	21.11.2002	PCT	C08G	79/04		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Lynn, D.M., Langer R. "Degradable poly( $\beta$ -amino esters): Synthesis, Characterization, and Self-Assembly with Plasmid DNA", <i>Journal of American Chemical Society</i> , 2000, 122, 10761.
	Lynn, D.M., Anderson D.G., Putnam D., Langer R. "Accelerated Discovery of Synthetic Transfection Vectors: Parallel Synthesis and Screening of a Degradable Polymer Library", <i>Journal of American Chemical Society</i> , 2001, 123, 8155.
	Lynn, D.M., Amiji, M.M., Langer, R. "pH-Responsive Polymer Microspheres: Rapid Release of Encapsulated Materials within the Range of Intercellular pH", <i>Angew. Chem. Int. Ed.</i> 2001, 40(9), 1707.
	Gao, C., Tang, W., Yan D.Y., "Synthesis and Characterization of Water-Soluble Hyperbranched Poly(ester amine)s from Diacrylates and Diamines, <i>Journal of Polymer Science Part A: Polymer Chemistry</i> , 2002, 40, 2340
	Wang J., Mao, H.Q., Leong K.M., "A novel Biodegradable Gene Carrier Based on Polyphosphoester, <i>Journal of American Chemical Society</i> , 2001, 123, 9480.



	Wang, J., Zhang, P.C., Lu, H.F., Ma, N., Wang, S., Mao, H.Q., Leong, K.M., "New polyphosphoramidate with a spermidine side chain as a gene carrier", <i>Journal of Controlled Release</i> , 2002, 83, 157.
	Lim, Y.B., Kim, C.H., Kim, K., Kim, S.W., Park, J.S., "Development of a safe gene delivery system using biodegradable polymer, poly( $\alpha$ -(4-aminobutyl)-L-glycolic acid)", <i>Journal of American Chemical Society</i> , 2000, 122, 6524.
	Lim, Y.B., Kim, S.M., Suh, H., Park, J.S., "Biodegradable, endosome disruptive, and cationic network-type polymer as a highly efficient and nontoxic gene delivery carrier", <i>Bioconjugate Chemistry</i> , 2002, 13, 952.
	Oupicky, D., Parker, A.L., Seymour, L.W., "Laterally satabilized complexes of DNA with linear reducible polycations: strategy for triggered intracellular activation of DNA delivery vectors", <i>Journal of American Chemical Society</i> , 2002, 124, 8.
EXAMINER:	DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



TMH: 9/22/03 6565-66243 93231-5

PATENT  
Attorney Reference Number 6565-66243

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Liu *et al.*

Application No. 10/601,262

Filed: June 20, 2003

Confirmation No. 6713

For: POLYMERS FOR THE DELIVERY OF  
BIOACTIVE AGENTS AND METHOD OF THEIR  
PREPARATION

Examiner: Not yet assigned.

Art Unit: 2872

Attorney Reference No. 6565-66243

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Attorney  
for Applicant(s)

Tanya M. Harding, Ph.D.

Date Mailed September 22, 2003

TRANSMITTAL LETTER

Enclosed for filing in the application referenced above are the following:

- ☒ Information Disclosure Statement
- ☒ Form 1449 and 19 references cited thereon
- ☒ The Director is hereby authorized to charge any additional fees that may be required, or credit over-payment, to Deposit Account No. 02-4550. A copy of this sheet is enclosed.
- ☒ Please return the enclosed postcard to confirm that the items listed above have been received.

Respectfully submitted,

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TMH.d 09/22/03 6565-66243 93231-5

PATENT

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**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. § 1.97(b)(1) and § 1.97(b)(3)**

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Applicants are filing this Information Disclosure Statement ("IDS") within three months of the filing date of a national application, and before receipt of any substantive office action. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in Rule 56.

Respectfully submitted,

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